

Network Integration Transmission Service on OASIS (NITS on OASIS) Project

2016 NETWORK OPERATING COMMITTEE (NOC) Meeting
March 8th, 2016



Agenda

- History of NITS on OASIS - What is it?
- NITS on OASIS – An Overview
- Implementation Plan
- Next Steps

NITS on OASIS – Historical Background

- The Open Access Same Time Information System (OASIS) was originally developed with a focus on the reservation of PTP Service.
 - OASIS is the systems platform over which transmission service is requested and reserved.
- In Order 890, the FERC directed the North American Energy Standards Board (NAESB) to develop standards for conducting NT Service transactions over OASIS.
- From 2009 through 2013, the NAESB worked on the development of “NITS on OASIS” standards and functionality to enable NT Service focused transactions over OASIS.
- Through Order 676-H (issued September 2014), the FERC approved the NITS on OASIS Standards for industry implementation.
- Target implementation for jurisdictional utilities is late April 2016.

Key Items – NITS on OASIS

- NITS on OASIS standards and functionality will enable:
 - Designation of Network Resources (DNR), of any duration, over OASIS with data templates customized for NT Service.
 - Completion of attestation and informational requirements on OASIS when submitting a request to designate a resource.
 - Currently, attestation and informational requirements are submitted via email through a separate form.
 - Undesignation of DNRs over OASIS.
 - Currently, undesignations are done via email.
 - An OASIS workspace where customers can include/upload resource and load information to help manage resource portfolio prior to designation.

What does NITS on OASIS mean for NT Customers?

- NT Customers anticipating the need to designate additional resources in the future will do so over the new “NITS on OASIS” interface/functionality.
 - Currently, under the current OASIS functionality, NT Customers designating Network Resources (DNR) to serve load are required to complete off-line forms for submission to BPA.
- Improved NT Customer visibility of their NT Service structure over OASIS.
- The reservation and scheduling processes will remain the same.

NITS on OASIS – Implementation Plan

- December 2015 – February 2016 – Data Review
 - BPA has engaged NT Customers in review of NT Service specific data which will be migrated to NITS on OASIS.
- February 2016 – OATI functionality available to TPs.
 - BPA has received the NITS on OASIS functionality for testing in development environment.
- March 2016 – Testing of NITS on OASIS functionality and Uploading of existing NITS customer data
 - BPA will receive NITS on OASIS functionality for testing in staging and production environments.
 - BPA plans to upload existing NITS customer data by the end of March.
- April 24, 2016 – BPA’s intended Implementation Date for NITS on OASIS per the standard.
 - BPA Implementation Date Risks and Mitigations
 - Due to software issues, the industry is seeking more time for testing and implementation.

NITS on OASIS – Standard Prescribed Implementation Plan

NITS Version 2.0 Schedule – Standard Prescribed Schedule

- January 28, 2016: OATI deploys full NITS functionality to the Dev environment.
- March 1, 2016: OATI deploys full NITS functionality to the Production environment.
- March 24, 2016: FERC deadline: Transmission Providers will post existing NTIS service arrangements to Production OASIS.
- April 24, 2016: FERC deadline: Transmission Providers and customers will manage NITS service on OASIS.

NITS on OASIS – Engagement Opportunities

- Prior to implementation, BPA plans on holding training sessions for interested customers for the use of NITS on OASIS functionality.
 - BPA is currently testing the recently released software.
 - Training sessions anticipated in prior to implementation.
- BPA will be publishing updated business practices describing the new processes for reserving NT Services over OASIS.
 - The business practices will be published for customer review and comment.
 - BPA will also host a conference call to describe the business practice changes.
 - Timeframe for publication of updated business practices is dependent upon

Next Steps

- BPA reached out to NT Customers (December 2015/January 2016) seeking review of their existing NT Service data and information for migration of the data to new functionality.
- BPA anticipates implementation of NITS on OASIS module in April 2016.
- Upcoming Events – dependent upon implementation timeline
 - NT Customer training on use of NITS on OASIS functionality
 - Posting of updated business practices describing use of NITS on OASIS functionality